BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2019-20/OW/WORK_INDENT37155

APPROVED SCHEDULE - B

C.EE/BTP/BBMP/E-PMT/11/2019-20, Date: 11.07.2019

Name of Work:Construction of compound wall and repairs in yelahanka zonal office building in ward no 7 Byatarayanapura kodigehalli sub-division

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of MUNIRAJU B M (S S CONSTRUCTIONS)	
				In Figures	In Words
1	13.79	KSRRB M200-12.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. MORTH Specification No. 202.	Cum	380.0	Rupees Three Hundred Eighty Only
2	47.52	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. (P.No. 5/I.No. 2.4 of CSR 2015-16)	Cum	280.0	Rupees Two Hundred Eighty Only
3	2.88	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	5600.0	Rupees Five Thousand Six Hundred Only
4	16.81	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	5200.0	Rupees Five Thousand Two Hundred Only
5	160	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 160mm outer dia	Mtr	1300.0	Rupees One Thousand Three Hundred Only
6	1874.83	KSRB 24-1 : Removing white wash or colour wash by steel brushing and / or scraping, sand papering and preparing wall surface smooth including repairs to scraches, cost of labour, complete as per specifications. Specification No.KBS.	Sqm	6.0	Rupees Six Only
7	75.01	KSRB 24-1 : Removing white wash or colour wash by steel brushing and / or scraping, sand papering and preparing wall surface smooth including repairs to scraches, cost of labour, complete as per specifications. Specification No.KBS. KSRB 24-2 : Extra for removing white wash or colour wash by steel brushing and / or scraping, sand papering the ceiling and / or sloping roof surface smooth including repairs to scraches, cost of labour, complete as per specifications.	Sqm	12.0	Rupees Twelve Only
8	1766.31	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 117, I.No. 15.53.2 of SR 2016-17)	Sqm	76.0	Rupees Seventy Six Only

Contractor Signature

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				In Figures	In Words
9	900.9	KSRB 4-7 : Providing 2 legged scaffolding for stone masonry work using 10-15 cms. dia best quality casurina poles of 4m over all length (3m +0.5m projection + 0.5m In to the ground), the distance between two rows being 1.25m and spacing of posts being 2m in both rows with 2 horizontal posts with 0.5 mm overlap on either side and braces at 2 m c to c including longitudinal and transveres middle braces to step up and providing platform with casurina poles, forms tied up using coir rope complete as per specifications	Sqm	280.0	Rupees Two Hundred Eighty Only
10	13.5	KSRB 24-31 : Removal of old broken glass panes (any thickness of size, quality or description) from metal frames, glazed with putty or fixed with beads including cost of labour, complete as per specifications. Specification No.KBS	Each	112.0	Rupees One Hundred Twelve Only
11	6	Removing of existing old or broken wash basin / urinals and disposing it with all cost and conveyance labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work	Each	200.0	Rupees Two Hundred Only
12	9	Removing of existing old or broken Water closet Indian / Eurpoean and disposing it with all cost and conveyance labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work.	Each	200.0	Rupees Two Hundred Only
13	160	Removing of existing old Sanitary and plumbing pipelines, stacking and disposing it with all cost and conveyance labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work.	Rmt	64.0	Rupees Sixty Four Only
14	2.01	KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling Brick / Tile work. A. In lime mortar. MORTH Specification No. 202	Sqm	190.0	Rupees One Hundred Ninety Only
15	83.13	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	185.0	Rupees One Hundred Eighty Five Only
16	83.13	KSRB15-4.4 Extra for providing and mixing waterproofing compound in cement plaster for stone masonry work at one kg per bag or in the proportion recommended by the manufacturers, forcement mortar 1:4, 20mm thick cost of materials complete as per specifications.	Sqm	9.0	Rupees Nine Only
17	133.52	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer.	Sqm	95.0	Rupees Ninety Five Only
18	133.52	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty.Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using diFirst Floorerent grade sand papers, including cost of all materials,cost of labour and scaFirst Floorolding etc., complete as per the specification..[P.No.125 - I. No.15.106]	Sqm	68.0	Rupees Sixty Eight Only

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				In Figures	In Words
19	57.86	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick.	Sqm	1100.0	Rupees One Thousand One Hundred Only
20	83.13	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm thick	Sqm	1200.0	Rupees One Thousand Two Hundred Only
21	210	KSRB 8.6-8 : Providing and fixing on wall surface. 40 kg / sq.cm H.D.P.E. rain down water pipes 110mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications	Mtr	290.0	Rupees Two Hundred Ninety Only
22	5	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.2 of PWD SR 2015-16)	Each	4400.0	Rupees Four Thousand Four Hundred Only
23	6	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Each	5300.0	Rupees Five Thousand Three Hundred Only
24	20	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.	Each	170.0	Rupees One Hundred Seventy Only
25	20	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 12.5cms x 7.5cms	Each	300.0	Rupees Three Hundred Only
26	20	Providing stoneware gully trap of approved quality and make fixing in M-15 and plastering with CM 1:3 wherever necessary.(Rate includes cost of all materials, fixtures and lead). - 15cms x 10cms	Each	285.0	Rupees Two Hundred Eighty Five Only
27	100	Cleaning the blockages of closets and soil pipes into working order with scaffolding	Mtr	62.0	Rupees Sixty Two Only
28	150	Cleaning the blockages of closets and soil pipes into working order underground stone ware pipes	Mtr	20.0	Rupees Twenty Only
29	320	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 50mm nominal OD pipes	Mtr	460.0	Rupees Four Hundred Sixty Only

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				In Figures	In Words
30	160	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 32mm nominal OD pipes	Mtr	225.0	Rupees Two Hundred Twenty Five Only
31	200	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 25mm nominal OD pipes	Mtr	170.0	Rupees One Hundred Seventy Only
32	20	KSRB13-6.3-4 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3	Nos	1000.0	Rupees One Thousand Only
33	15	KSRB13-6.3-5 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 40mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 (P.No. 92, I.No. 13.36 of PWD SR 2016-17)	Nos	1400.0	Rupees One Thousand Four Hundred Only
34	25	KSRB13-6.1-3 : Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	Each	280.0	Rupees Two Hundred Eighty Only
35	12	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Each	3000.0	Rupees Three Thousand Only
36	5	Removing of existing old or broken wash basin / urinals and disposing it with all cost and conveyance labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work	Each	215.0	Rupees Two Hundred Fifteen Only
37	5	KSRB 11-8.3 : Providing and fixing white vitreous china clay, wall corner type, lipped front urinal basin of size 340x410x265mm in the range of three with 7.5 litre P.V.C automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Each	5000.0	Rupees Five Thousand Only
38	5	Supplying of 1440rpm Heavy duty exhaust fan with bracket blades suitable to operate on 230,50Hz ,AC supply complete 12" Sweep(300mm)	Each	3400.0	Rupees Three Thousand Four Hundred Only
39	25	Providing and fixing 25mm dia pulley(for aluminium handles -15mm code no.005 Sl no 382	Each	65.0	Rupees Sixty Five Only
40	25	Providing and fixing Aluminium hinges75mm length code no.0012Sl no 384	Each	35.0	Rupees Thirty Five Only
41	20	Providing and fixing Door lock code no.00134 Sl no 391	Each	380.0	Rupees Three Hundred Eighty Only
42	20	Providing and fixing Tower bolt 300 mm long code no.00427 Sl no412	Each	110.0	Rupees One Hundred Ten Only
43	6	Providing and fixing Hydraulic door clouser -aluminium body code no.2084 Sl no429	Each	800.0	Rupees Eight Hundred Only

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				In Figures	In Words
44	20	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. (P.No. 73/ I.No.11.50.1	Nos	8000.0	Rupees Eight Thousand Only
45	60	Repairing door and window frames with available wood to the required size. (P.No.256, I.No.37.12 of PWD SR 2015-16)	Sqm	440.0	Rupees Four Hundred Forty Only
46	54.6	Repairing and fixing shutters (panelled or glazed) to doors, windows, ventilators and cupboards.	Each	440.0	Rupees Four Hundred Forty Only
47	30	Wall bores in size stone masonry - - upto 60 to 90cm thick. (P.No. 257/ I.No.37.36.2 of CSR 2016-17)	Sqm	200.0	Rupees Two Hundred Only
48	8.93	SOLID PANEL PRELAM PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for styles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the styles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm. Aluminium hinges. with both side prelam	Sqm	4200.0	Rupees Four Thousand Two Hundred Only
49	8.93	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.	Sqm	3200.0	Rupees Three Thousand Two Hundred Only
50	0.32	KSRB 9.4-3 : Providing Mathi / Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 (Page No : 51, item No :9.12)	Cum	87255.0	Rupees Eighty Seven Thousand Two Hundred Fifty Five Only
51	11	KSRB 9-27.1 : Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. (P.No. 57, I.No. 9.80 of PWD SR 2016-17)	Cum	1000.0	Rupees One Thousand Only

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				In Figures	In Words
52	8.93	KSRB 9.5-3 : Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 (Page No : 51, item No :9.16)	Sqm	3500.0	Rupees Three Thousand Five Hundred Only
53	2	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No.KBS 13.22	Nos	8500.0	Rupees Eight Thousand Five Hundred Only
54	427.5	KSRB 24-45 : Repairs to plaster in patches of 2.5 sqm and less in walls, ceilings 10 to 20mm thick in cement mortar 1:4 including cutting the patches in proper shape and replastering the surface of the wall including disposal of rubbish with a lead of 50m including curing cost of materials, labour, complete as per specifications. Specification No.KBS 24.2.1	Sqm	200.0	Rupees Two Hundred Only
55	100.3	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road	Cum	90.0	Rupees Ninety Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

Contractor Signature

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